TCS series 250kg-980kg

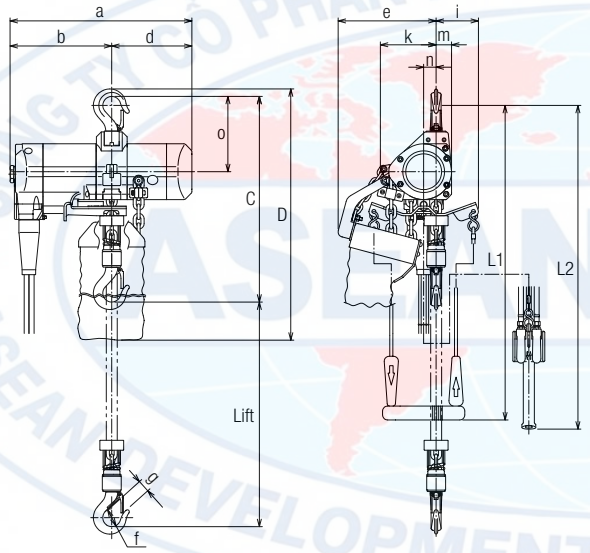
Ultra high speed, compact size, and light weight

Main application fields

Shipyards	Various types of power generating stations	Automobile factories	Ironworks	Steelworks	Petrochemical plants	Gas chemical plants	Coal mines	Mines
Civil engineering works	Aircraft maintenance	Marine resource development	Ship outfitting	Rubber factories	Coating plants	Textile mills	Foundries	Other

Please consult with Kito when hoists are to be used in special environments.

- Achieves ultra high speed operation*1.
  *1: The lifting speed is 63m/min in the TCS series 250kg when unloaded.
- The speed can be adjusted according to how strongly the valves are pressed, allowing intuitive operation.
- The range of the lifting and lowering speeds can be adjusted separately.
- The compact size and light weight features make transportation and transfer easy.
- Anti-overwinding device is incorporated as standard.
- Kito's original ultra-high strength, rust-resistant nickel-plated chain is incorporated as standard.





TCSH04CS

TCSH04PS



Standard pendant is without an emergency stop button.
(It is available as an option.)

TCS specifications

Capacity (kg)	Code	Operation method	Standard lift (m)	Cord length: L1 (m)	Pendant hose length: L2 (m)	During rated loading		When unloaded		Air consumption (m^3/min)	Load chain diameter (mm) x No. of falls	Test load (t)	Air inlet	Net weight (kg)	Net weight for additional 1m of lift (kg)
						Lifting speed (m/min)	Lowering speed (m/min)	Lifting speed (m/min)	Lowering speed (m/min)						
250	TCSH03CS	Cord	3	1.7	-	34.0	63.0	63.0	38.0	2.1	ø6.3×1	313kg	Rc1/2	20	0.88
	TCSH03PS	Pendant		-	2.5									21	1.12
490	TCSH04CS	Cord		1.7	-	17.0	34.0	33.0	19.0			625kg		20	0.88
	TCSH04PS	Pendant		-	2.5									21	1.12
980	TCSH09CD	Cord		1.7	-	8.5	17.0	16.5	9.5		ø6.3×2	1.23		26	1.76
	TCSH09PD	Pendant		-	2.5									27	2

•Each performance value is the numerical value when the used air pressure is 0.6MPa. •The net weight is the value for the standard lift. •The air consumption is the maximum value during use.

TCS dimensions (mm)

Capacity (kg)	Code	Headroom: C	D	a	b	d	e	f	g	i	k	m	n	o
250	TCSH03CS	414	555	365	204	161	197	36	25	85	112	31	25	151
	TCSH03PS									56				
490	TCSH04CS									85				
	TCSH04PS									56				
980	TCSH09CD	456	577				221	40	29	70	136	37	49	173
	TCSH09PD													

•The D dimension is the value for the standard lift. •The values described above are the nominal dimensions.